EXISTING SIGNALS

1,2,5-7 — 12"

3 — 12"/8"

4 — 12"

EXISTING SIGNS

8,9

R 10-12
36"x 42"

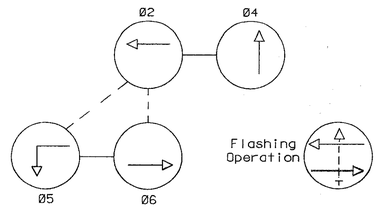
10

D3-2 Sign
16"x Var.

PROPOSED VIDEO DETECTION

I, II, III

NEMA PHASING

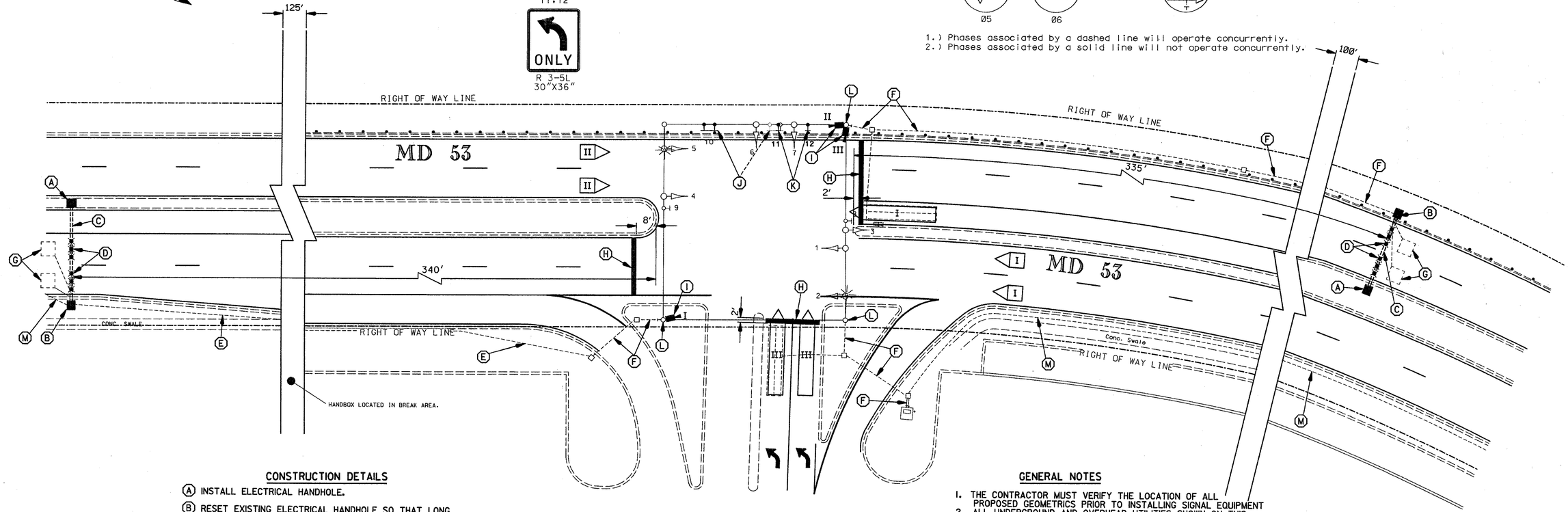


1.) Phases associated by a dashed line will operate concurrently.
2.) Phases associated by a solid line will not operate concurrently.

PROPOSED SIGNS

11,12

R 3-5L
30"X36"



CONSTRUCTION DETAILS

(A) INSTALL ELECTRICAL HANDHOLE.

(B) RESET EXISTING ELECTRICAL HANDHOLE SO THAT LONG DIMENSION OF HANDHOLE SHALL BE PARALLEL TO SLOTTED CONDUIT, TO FACILITATE INSTALLATION OF NON-INVASIVE LOOPS.

(C) INSTALL 3" SCHEDULE 80 PVC CONDUIT, SLOTTED PRIOR TO FINAL OVERLAY.

(D) INSTALL NON-INVASIVE LOOP DETECTOR IN CONDUIT, IN THROUGH TRAVEL LANES ONLY.

(E) EXISTING CONDUIT TO BE REPLACED AS PART OF INTERCONNECT PLAN (SEE IC-01). REMOVE EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE AND EXTEND NON-INVASIVE DETECTOR LEAD-IN CABLE THROUGH NEW CONDUIT.

(F) REMOVE EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE AND EXTEND NON-INVASIVE DETECTOR LEAD-IN CABLE THROUGH EXISTING CONDUIT.

(G) EXISTING 6' X 6' VEHICLE DETECTOR TO BE DESTROYED DURING MILLING OPERATIONS.

(H) INSTALL 24 INCH STOP LINE AS DIMENSIONED ON PLAN.

(I) INSTALL VIDEO DETECTION CAMERA USING "L" BRACKET TO STRAIN POLE.

(J) RELOCATE EXISTING STREET NAME SIGN.

(K) INSTALL NEW LANE-USE CONTROL SIGN.

(L) EXTEND DETECTOR CABLE LEAD-IN THROUGH SIGNAL POLE AND ACROSS STRAIN WIRE TOWARDS CABINET.

(M) EXISTING INTERCONNECT CONDUIT TO REMAIN (SEE SHEET IC-01).

GENERAL NOTES

1. THE CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. THE INTERSECTION IS LOCATED WITHIN SHA-OWNED RIGHT-OF-WAY.
4. ALL EXISTING UNUSED ELECTRICAL CABLES SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
5. ALL EXISTING SIGNS IN PROJECT AREA SHALL REMAIN.
6. SIGNAL HEADS AND MAST ARMS HAVE BEEN DESIGNED AND DIMENSIONED SO THAT PROPER MINIMUM DISTANCES ARE MAINTAINED TO OVERHEAD UTILITY LINES. CONTRACTOR SHALL ENSURE THAT ALL PROPOSED SIGNAL EQUIPMENT STAYS A MINIMUM OF 10 FT FROM PRIMARY POWER LINES, AND 4 FT FROM SECONDARY POWER LINES.
7. ALL EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.

UTILITY LEGEND

G — G	GAS MAIN
W — W	WATER MAIN
S — S	SEWER MAIN
D — D	STORM DRAIN
TV — TV	CABLE TELEVISION
E — E	ELECTRIC CABLES
T — T	TELEPHONE CABLES
A — A	AERIAL CABLES
FO — FO	AERIAL CABLES

Braddock Square Shopping Center

REVISION CONSULTANT (A)

WALLACE, MONTGOMERY & ASSOCIATES, LLP
CIVIL AND STRUCTURAL ENGINEERS
110 West Road
Suite 300
Towson, Maryland 21204

Job No. 201009.07

DESIGN CONSULTANT

The Traffic Group
The Traffic Group, Inc.
Suite 600
40 W. Chesapeake Avenue
Towson, Maryland 21204
410-583-8405
Fax 410-321-8458
Job No. 930403

REVISIONS				APPROVALS
				TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
				ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
				CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
(A)	03/2004	MJA	Install non-invasive loops and video detection	DIRECTOR, TRAFFIC & SAFETY

THIS IS A REVISION TO ORIGINAL SIGNAL PLAN ON FILE AT SHA

SHA No: AL4206177

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 53 (WINCHESTER ROAD)
& BRADDOCK SQUARE SHOPPING CENTER

SG-01

DRAWN BY: J. Dimdorfer	F.A.P. NO. N/A	TS NO. 3348 A	SHEET NO. 20 OF 37
CHECKED BY: J. Dimdorfer	S.H.A. NO. BW-599-802-612		
SCALE: 1"=20'	COUNTY: ALLEGANY	T.I.M.S. NO. G187	
DATE: July 28, 1993	LOG MILE:		

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